

Harmful Algae Report

All data between 8/12/2006 and 8/25/2006

Citizen Monitor Program

Water Body Tributary Site	Date	Time	Smpl Dpth	Name	Comment if ID uncertain	Abundance	MC/L
Assawoman Bay							
<u>Roy Creek</u>							
BA01: Keenwick on Bay, Roy Creek							
	8/22/2006	9:08	Surfc	<i>Fibrocapsa japonica</i> (T)		Present	
	8/22/2006	9:08	Surfc	<i>Gyrodinium instriatum</i> (B)		Present	
	8/22/2006	9:08	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	8/22/2006	9:08	Surfc	<i>Karlodinium venificum</i> (T)		Present	
Assawoman Canal							
IR50: Assawoman Canal at N end, marina dock							
	8/21/2006	8:43	Surfc	<i>Akashiwo sanguineum</i> (B)		Present	
	8/21/2006	8:43	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Present	
	8/21/2006	8:43	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	8/21/2006	8:43	Surfc	<i>Karlodinium venificum</i> (T)		Present	
	8/21/2006	8:43	Surfc	<i>Protoperidinium quinquecorne</i> (B)		Present	
LA10: Assawoman Canal @ Kent Ave Bridge							
	8/14/2006	8:10	Surfc	<i>Akashiwo sanguineum</i> (B)		Present	
	8/14/2006	8:10	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Present	
	8/14/2006	8:10	Surfc	<i>Gyrodinium instriatum</i> (B)		Present	
	8/14/2006	8:10	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	8/14/2006	8:10	Surfc	<i>Heterosigma akashiwo</i> . (T)		Present	
	8/14/2006	8:10	Surfc	<i>Karlodinium venificum</i> (T)		Common	0.14
	8/14/2006	8:10	Surfc	<i>Scrippsiella sp.</i> (B)		Present	
	8/20/2006	7:05	Surfc	<i>Akashiwo sanguineum</i> (B)		Present	
	8/20/2006	7:05	Surfc	<i>Protoperidinium quinquecorne</i> (B)		Present	
<u>Bethany Loop Canal</u>							
IR62: Loop Canal, Pa Ave terminus, Bethany Beach							
	8/17/2006	9:23	Surfc	<i>Chaetoceros spp.</i> (T)		Present	
	8/17/2006	9:23	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Common	0.19
	8/17/2006	9:23	Surfc	<i>Fibrocapsa japonica</i> (T)		Present	
	8/17/2006	9:23	Surfc	<i>Gyrodinium instriatum</i> (B)		Present	
	8/17/2006	9:23	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	8/17/2006	9:23	Surfc	<i>Kryptoperidinium foliaceum</i> (B)		Present	
	8/17/2006	9:23	Surfc	<i>Prorocentrum gracile</i> (B)		Present	
	8/17/2006	9:23	Surfc	<i>Protoperidinium quinquecorne</i> (B)		Present	
	8/22/2006	9:17	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Present	
	8/22/2006	9:17	Surfc	<i>Chattonella subsalsa</i> (T)		Common	0.11
	8/22/2006	9:17	Surfc	<i>Cochlodinium sp.</i> (T)		Present	
	8/22/2006	9:17	Surfc	<i>Fibrocapsa japonica</i> (T)		Present	
	8/22/2006	9:17	Surfc	<i>Gyrodinium instriatum</i> (B)		Present	

Name subsripts: (B) - nontoxic bloom former; (B*) - nontoxic bloom former reported only at levels > 10 MC/L; (S) - cell similar to a known toxic cell; (T) - potentially toxic cell.

MC/L - Million Cells per Liter. Abundance Levels: Not Found: Looked for, but no cells found; Present: < 0.1 MC/L; Common: 0.1 - 1 MC/L; Many: 1 - 10 MC/L; Abundant: 10 - 100 MC/L; Very Abundant: > 100 MC/L.

Citizen Monitoring Program

Water Body Tributary Site	Date	Time	Smpl Dpth	Name	Comment if ID uncertain	Abundance	MC/L
Assawoman Canal							
<u>Bethany Loop Canal</u>							
IR62: Loop Canal, Pa Ave terminus, Bethany Beach							
	8/22/2006	9:17	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	8/22/2006	9:17	Surfc	<i>Karodinium venificum</i> (T)		Present	
	8/22/2006	9:17	Surfc	<i>Kryptoperidinium foliaceum</i> (B)		Present	
	8/22/2006	9:17	Surfc	<i>Protopteridinium quinquecorne</i> (B)		Present	
	8/22/2006	9:17	Surfc	<i>Scrippsiella sp.</i> (B)		Present	
IR64: Bethany Beach canal off dead end at 3rd street East of Evans Rd.							
	8/17/2006	8:15	Surfc	<i>Akashiwo sanguineum</i> (B)		Present	
	8/17/2006	8:15	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Common	0.34
	8/17/2006	8:15	Surfc	<i>Fibrocapsa japonica</i> (T)		Present	
	8/17/2006	8:15	Surfc	<i>Protopteridinium quinquecorne</i> (B)		Present	
	8/22/2006	9:07	Surfc	<i>Akashiwo sanguineum</i> (B)		Present	
	8/22/2006	9:07	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Present	
	8/22/2006	9:07	Surfc	<i>Kryptoperidinium foliaceum</i> (B)		Present	
	8/22/2006	9:07	Surfc	<i>Protopteridinium quinquecorne</i> (B)		Common	0.10
Broadkill River							
BR01: Broadkill river @ PEL dock.							
	8/22/2006	10:10	Net	<i>Chaetoceros spp.</i> (T)		Present	
	8/22/2006	10:10	Net	<i>Ditylum spp.</i> (T)		Present	
	8/22/2006	10:10	Net	<i>Heterocapsa rotundata</i> (B)		Present	
	8/22/2006	10:10	Net	<i>Karodinium venificum</i> (T)		Present	
	8/22/2006	10:10	Net	<i>Prorocentrum sp.</i> (T)		Present	
	8/22/2006	10:10	Net	<i>Pseudo-nitzschia spp.</i> (T)		Present	
	8/22/2006	10:10	Net	<i>Rhizosolenia spp.</i> (T)		Present	
	8/22/2006	10:10	Net	<i>Scrippsiella sp.</i> (B)		Present	
	8/22/2006	10:10	Surfc	<i>Chaetoceros spp.</i> (T)		Present	
	8/22/2006	10:10	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	8/22/2006	10:10	Surfc	<i>Heterocapsa triquetra</i> (B)		Present	
	8/22/2006	10:10	Surfc	<i>Scrippsiella sp.</i> (B)		Present	
	8/24/2006	11:35	Surfc	<i>Pseudo-nitzschia spp.</i> (T)		Not Found	
	8/24/2006	11:45	Net 0-1m	<i>Pseudo-nitzschia spp.</i> (T)		Present	
	8/24/2006	11:55	Net 1-2m	<i>Pseudo-nitzschia spp.</i> (T)		Present	
<u>Old Mill Creek</u>							
BR21: Old Mill Creek downstream from Red Mill Pond							
	8/23/2006	12:05	Surfc	<i>Anabaena</i> (T)		Common	0.20
	8/23/2006	12:05	Surfc	<i>Chaetoceros spp.</i> (T)		Common	0.65
	8/23/2006	12:05	Surfc	<i>Cylindrotheca closterium</i> (B*)		Abundant	13.60
	8/23/2006	12:05	Surfc	<i>Heterosigma akashiwo.</i> (T)		Present	
	8/23/2006	12:05	Surfc	<i>Kryptoperidinium foliaceum</i> (B)		Present	
Delaware Bay							
<u>Canary Creek</u>							
BR19: Canary Creek at New Road							
Name subscripts: (B) - nontoxic bloom former; (B*) - nontoxic bloom former reported only at levels > 10 MC/L; (S) - cell similar to a known toxic cell; (T) - potentially toxic cell.							
MC/L - Million Cells per Liter. Abundance Levels: Not Found: Looked for, but no cells found; Present: < 0.1 MC/L; Common: 0.1 - 1 MC/L; Many: 1 - 10 MC/L; Abundant: 10 - 100 MC/L; Very Abundant: > 100 MC/L.							

Citizen Monitoring Program

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Delaware Bay							
<u>Canary Creek</u>							
BR19: Canary Creek at New Road	8/22/2006	9:55	Surfc	<i>Chaetoceros spp. (T)</i>		Common	0.71
	8/22/2006	9:55	Surfc	<i>Heterosigma akashiwo. (T)</i>		Present	
BR40: Canary Creek at Pilottown Rd	8/23/2006	9:20	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	8/23/2006	9:20	Surfc	<i>Karlodinium venificum (T)</i>		Present	
Indian River							
IR04: Warwick Cove	8/21/2006	9:50	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	8/21/2006	9:50	Surfc	<i>Karlodinium venificum (T)</i>		Present	
IR07: Holt's Landing State Park	8/22/2006	8:44	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	8/22/2006	8:44	Surfc	<i>Karlodinium venificum (T)</i>		Present	
	8/22/2006	8:44	Surfc	<i>Prorocentrum minimum (T)</i>		Present	
	8/22/2006	8:44	Surfc	<i>Protoperidinium quinquecorne (B)</i>		Present	
IR20: Bay Colony	8/21/2006	8:30	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Common	0.38
	8/21/2006	8:30	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	8/21/2006	8:30	Surfc	<i>Karlodinium venificum (T)</i>		Present	
IR21: Entrance to Boat House Pond, Indian River Bay	8/21/2006	7:50	Surfc	<i>Chaetoceros spp. (T)</i>		Present	
	8/21/2006	7:50	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
IR36B: James Farm, Pasture Point	8/22/2006	8:00	Surfc	<i>Ditylum spp. (T)</i>		Present	
	8/22/2006	8:00	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	8/22/2006	8:00	Surfc	<i>Karlodinium venificum (T)</i>		Present	
<u>White Creek</u>							
IR23: Bethany Marina	8/22/2006	9:15	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Present	
	8/22/2006	9:15	Surfc	<i>Chattonella subsalsa (T)</i>		Present	
	8/22/2006	9:15	Surfc	<i>Scrippsiella sp. (B)</i>		Present	
IR32: Holly Terrace Acres Canal Dead End, White Creek	8/14/2006	9:50	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	8/14/2006	9:50	Surfc	<i>Karlodinium venificum (T)</i>		Present	
	8/14/2006	9:50	Surfc	<i>Kryptoperidinium foliaceum (B)</i>		Present	
	8/14/2006	9:50	Surfc	<i>Protoperidinium quinquecorne (B)</i>		Present	
	8/14/2006	9:50	Surfc	<i>Scrippsiella sp. (B)</i>		Present	
	8/17/2006	9:18	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	8/17/2006	9:18	Surfc	<i>Karlodinium venificum (T)</i>		Present	
	8/17/2006	9:18	Surfc	<i>Prorocentrum gracile (B)</i>		Present	
	8/17/2006	9:18	Surfc	<i>Protoperidinium quinquecorne (B)</i>		Present	
	8/21/2006	8:29	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Present	

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Citizen Monitoring Program

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Indian River							
<u>White Creek</u>							
IR32: Holly Terrace Acres Canal Dead End, White Creek							
	8/21/2006	8:29	Surfc	<i>Chattonella subsalsa</i> (T)		Common	0.16
	8/21/2006	8:29	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	8/21/2006	8:29	Surfc	<i>Karlodinium venificum</i> (T)		Present	
	8/21/2006	8:29	Surfc	<i>Protoperidinium quinquecorne</i> (B)		Common	0.11
	8/24/2006	8:25	Surfc	<i>Chattonella subsalsa</i> (T)		Present	
	8/24/2006	8:25	Surfc	<i>Heterocapsa rotundata</i> (B)		Common	0.17
	8/24/2006	8:25	Surfc	<i>Heterosigma akashiwo</i> . (T)		Present	
	8/24/2006	8:25	Surfc	<i>Karlodinium venificum</i> (T)		Present	
	8/24/2006	8:25	Surfc	<i>Kryptoperidinium foliaceum</i> (B)		Present	
	8/24/2006	8:25	Surfc	<i>Prorocentrum gracile</i> (B)		Present	
	8/24/2006	8:25	Surfc	<i>Protoperidinium quinquecorne</i> (B)		Present	
IR60A: 4 Cristy Lane, Ocean View; E Branch of White Creek							
	8/21/2006	8:50	Surfc	<i>Akashiwo sanguineum</i> (B)		Present	
	8/21/2006	8:50	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Present	
	8/21/2006	8:50	Surfc	<i>Chattonella subsalsa</i> (T)		Common	0.66
	8/21/2006	8:50	Surfc	<i>Fibrocapsa japonica</i> (T)		Common	0.11
	8/21/2006	8:50	Surfc	<i>Gyrodinium instriatum</i> (B)		Common	0.10
	8/21/2006	8:50	Surfc	<i>Karlodinium venificum</i> (T)		Present	
Lewes - Rehoboth Canal							
RB02: Lewes - Rehoboth Canal at Lewes							
	8/14/2006	8:30	Net	<i>Chaetoceros spp.</i> (T)		Present	
	8/14/2006	8:30	Net	<i>Ditylum spp.</i> (T)		Present	
	8/14/2006	8:30	Net	<i>Rhizosolenia spp.</i> (T)		Present	
	8/14/2006	8:30	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	8/14/2006	8:30	Surfc	<i>Prorocentrum sp.</i> (T)		Present	
	8/21/2006	8:45	Net	<i>Chaetoceros spp.</i> (T)		Present	
	8/21/2006	8:45	Net	<i>Heterocapsa rotundata</i> (B)		Present	
	8/21/2006	8:45	Net	<i>Heterocapsa triquetra</i> (B)		Present	
	8/21/2006	8:45	Net	<i>Rhizosolenia spp.</i> (T)		Present	
	8/21/2006	8:45	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
Little Assawoman Bay							
LA15B: Red channel marker #12							
	8/14/2006	7:15	Surfc	<i>Karlodinium venificum</i> (T)		Present	
LA35B: Red Channel marker #28, across from Miller Creek							
	8/14/2006	7:00	Surfc	<i>Karlodinium venificum</i> (T)		Present	
LA42B: Narrows, South of state beach at point							
	8/14/2006	7:05	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Present	
	8/14/2006	7:05	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	8/14/2006	7:05	Surfc	<i>Karlodinium venificum</i> (T)		Present	
	8/14/2006	7:05	Surfc	<i>Scrippsiella sp.</i> (B)		Present	
LA45: Fenwick Island Bayside							

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Little Assawoman Bay							
LA45: Fenwick Island Bayside							
	8/22/2006	8:00	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	8/22/2006	8:00	Surfc	<i>Heterosigma akashiwo</i> . (T)		Present	
	8/22/2006	8:00	Surfc	<i>Karlodinium venificum</i> (T)		Present	
	8/22/2006	8:00	Surfc	<i>Kryptoperidinium foliaceum</i> (B)		Present	
<u>Dirickson Creek</u>							
LA03: Mulberry Landing							
	8/21/2006	8:38	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Present	
	8/21/2006	8:38	Surfc	<i>Chattonella subsalsa</i> (T)		Present	
	8/21/2006	8:38	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
LA09: Dirickson Creek at Road 381 bridge.							
	8/21/2006	9:25	Surfc	(Unknown) sp. (B*)	10-15 um Grn trdrp	Abundant	13.20
	8/21/2006	9:25	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Present	
	8/21/2006	9:25	Surfc	<i>Gyrodinium instriatum</i> (B)		Present	
	8/21/2006	9:25	Surfc	<i>Heterocapsa rotundata</i> (B)		Common	0.30
	8/21/2006	9:25	Surfc	<i>Karlodinium venificum</i> (T)		Common	0.21
LA20: Swann Keys: boat ramp at S end of Blue Teal Rd							
	8/17/2006	8:40	Surfc	<i>Akashiwo sanguineum</i> (B)		Present	
	8/17/2006	8:40	Surfc	<i>Fibrocapsa japonica</i> (T)		Present	
	8/17/2006	8:40	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	8/17/2006	8:40	Surfc	<i>Karlodinium venificum</i> (T)		Common	0.26
	8/22/2006	8:52	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Common	0.15
	8/22/2006	8:52	Surfc	<i>Chattonella subsalsa</i> (T)		Present	
	8/22/2006	8:52	Surfc	<i>Fibrocapsa japonica</i> (T)		Common	0.10
	8/22/2006	8:52	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	8/22/2006	8:52	Surfc	<i>Heterosigma akashiwo</i> . (T)		Present	
	8/22/2006	8:52	Surfc	<i>Karlodinium venificum</i> (T)		Common	0.10
LA22B: Dirickson Creek upper section between Williams Creek and the LA09, mid channel near duck blind.							
	8/14/2006	7:25	Surfc	<i>Karlodinium venificum</i> (T)		Present	
<u>Jefferson Creek</u>							
SB10E: SB: Russell Canal east dead end							
	8/14/2006	9:20	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Present	
	8/14/2006	9:20	Surfc	<i>Kryptoperidinium foliaceum</i> (B)		Present	
	8/17/2006	9:05	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Common	0.46
	8/17/2006	9:05	Surfc	<i>Fibrocapsa japonica</i> (T)		Present	
	8/17/2006	9:05	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	8/17/2006	9:05	Surfc	<i>Heterosigma akashiwo</i> . (T)		Present	
	8/17/2006	9:05	Surfc	<i>Karlodinium venificum</i> (T)		Present	
	8/17/2006	9:05	Surfc	<i>Protoperidinium quinquecorne</i> (B)		Present	
	8/21/2006	8:05	Surfc	<i>Akashiwo sanguineum</i> (B)		Present	
	8/21/2006	8:05	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Many	1.05
	8/21/2006	8:05	Surfc	<i>Fibrocapsa japonica</i> (T)		Present	
	8/21/2006	8:05	Surfc	<i>Gyrodinium instriatum</i> (B)		Present	

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Citizen Monitoring Program

Water Body Tributary Site	Date	Time	Smpl Dpth	Name	Comment if ID uncertain	Abundance	MC/L
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Little Assawoman Bay

Jefferson Creek

SB10E: SB: Russell Canal east dead end

8/21/2006	8:05	Surfc		<i>Heterocapsa rotundata</i> (B)		Present	
8/21/2006	8:05	Surfc		<i>Karlodinium venificum</i> (T)		Present	
8/21/2006	8:05	Surfc		<i>Kryptoperidinium foliaceum</i> (B)		Present	
8/24/2006	8:03	Surfc		<i>Chattonella cf. verruculosa</i> (T)		Many	1.11
8/24/2006	8:03	Surfc		<i>Chattonella subsalsa</i> (T)		Present	
8/24/2006	8:03	Surfc		<i>Fibrocapsa japonica</i> (T)		Present	
8/24/2006	8:03	Surfc		<i>Karlodinium venificum</i> (T)		Present	

SB10W: SB: Russell Canal west dead end

8/14/2006	9:30	Surfc		<i>Kryptoperidinium foliaceum</i> (B)		Present	
8/17/2006	9:12	Surfc		<i>Fibrocapsa japonica</i> (T)		Present	
8/17/2006	9:12	Surfc		<i>Heterocapsa rotundata</i> (B)		Present	
8/17/2006	9:12	Surfc		<i>Karlodinium venificum</i> (T)		Present	
8/21/2006	8:12	Surfc		" <i>Gymnodinioid</i> " sp.	25-40 um Grn	Present	
8/21/2006	8:12	Surfc		<i>Chattonella cf. verruculosa</i> (T)		Many	1.96
8/21/2006	8:12	Surfc		<i>Fibrocapsa japonica</i> (T)		Present	
8/21/2006	8:12	Surfc		<i>Heterocapsa rotundata</i> (B)		Present	
8/21/2006	8:12	Surfc		<i>Heterosigma akashiwo</i> . (T)		Present	
8/21/2006	8:12	Surfc		<i>Karlodinium venificum</i> (T)		Present	
8/24/2006	8:09	Surfc		<i>Chattonella cf. verruculosa</i> (T)		Present	
8/24/2006	8:09	Surfc		<i>Gyrodinium instriatum</i> (B)		Present	
8/24/2006	8:09	Surfc		<i>Heterocapsa rotundata</i> (B)		Present	
8/24/2006	8:09	Surfc		<i>Heterosigma akashiwo</i> . (T)		Present	
8/24/2006	8:09	Surfc		<i>Karlodinium venificum</i> (T)		Present	

Miller Creek

LA31: Double Bridges road bridge at Plantation Park

8/22/2006	8:19	Surfc		<i>Chattonella cf. verruculosa</i> (T)		Present	
8/22/2006	8:19	Surfc		<i>Chattonella subsalsa</i> (T)		Present	
8/22/2006	8:19	Surfc		<i>Gyrodinium instriatum</i> (B)		Present	
8/22/2006	8:19	Surfc		<i>Heterocapsa rotundata</i> (B)		Present	
8/22/2006	8:19	Surfc		<i>Karlodinium venificum</i> (T)		Present	
8/22/2006	8:19	Surfc		<i>Kryptoperidinium foliaceum</i> (B)		Present	

LA33B: Camp Barnes dock - by boat

8/14/2006	6:48	Surfc		<i>Gyrodinium instriatum</i> (B)		Present	
8/14/2006	6:48	Surfc		<i>Karlodinium venificum</i> (T)		Present	

Williams Creek

LA21: Williams Creek tributary, bridge on Rd 364a

8/21/2006	9:07	Surfc		<i>Chattonella cf. verruculosa</i> (T)		Common	0.10
8/21/2006	9:07	Surfc		<i>Chattonella subsalsa</i> (T)		Common	0.21
8/21/2006	9:07	Surfc		<i>Heterocapsa rotundata</i> (B)		Present	
8/21/2006	9:07	Surfc		<i>Heterosigma akashiwo</i> . (T)		Present	
8/21/2006	9:07	Surfc		<i>Karlodinium venificum</i> (T)		Present	

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MC/L - Million Cells per Liter. Abundance Levels: Not Found: Looked for, but no cells found; Present: < 0.1 MC/L; Common: 0.1 - 1 MC/L; Many: 1 - 10 MC/L; Abundant: 10 - 100 MC/L; Very Abundant: > 100 MC/L.

Citizen Monitoring Program

Water Body Tributary Site	Date	Time	Smpl Dpth	Name	Comment if ID uncertain	Abundance	MC/L
Little Assawoman Bay							
<u>Williams Creek</u>							
LA21: Williams Creek tributary, bridge on Rd 364a							
	8/21/2006	9:07	Surfc	<i>Kryptoperidinium foliaceum</i> (B)		Present	
	8/21/2006	9:07	Surfc	<i>Protoperidinium quinquecorne</i> (B)		Common	0.11
Rehoboth Bay							
ML: Massey's Landing							
	8/21/2006	11:42	Surfc	<i>Chaetoceros spp.</i> (T)		Present	
	8/21/2006	11:42	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
RB07: West Bay Park							
	8/22/2006	8:30	Surfc	<i>Chaetoceros spp.</i> (T)		Present	
<u>Arnell Creek</u>							
AC2S: DNREC Site, Arnell Creek, surface sample							
	8/17/2006	12:45	Surfc	" <i>Gymnodinoid</i> " sp.	25-40 um Grn	Present	
	8/17/2006	12:45	Surfc	<i>Akashiwo sanguineum</i> (B)		Present	
	8/17/2006	12:45	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Common	0.39
	8/17/2006	12:45	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	8/17/2006	12:45	Surfc	<i>Karlodinium venificum</i> (T)		Present	
	8/17/2006	12:45	Surfc	<i>Protoperidinium quinquecorne</i> (B)		Present	
	8/24/2006	13:00	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Common	0.36
	8/24/2006	13:00	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	8/24/2006	13:00	Surfc	<i>Karlodinium venificum</i> (T)		Present	
<u>Bald Eagle Creek</u>							
RB46: Torquay Canal at East bulkhead on Land's End.							
	8/17/2006	13:30	Surfc	<i>Akashiwo sanguineum</i> (B)		Present	
	8/17/2006	13:30	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Abundant	15.00
	8/17/2006	13:30	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	8/17/2006	13:30	Surfc	<i>Heterosigma akashiwo.</i> (T)		Present	
	8/17/2006	13:30	Surfc	<i>Karlodinium venificum</i> (T)		Present	
	8/17/2006	13:30	Surfc	<i>Kryptoperidinium foliaceum</i> (B)		Present	
	8/17/2006	13:30	Surfc	<i>Protoperidinium quinquecorne</i> (B)		Present	
	8/18/2006	8:17	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Many	2.49
	8/18/2006	8:17	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	8/18/2006	8:17	Surfc	<i>Heterosigma akashiwo.</i> (T)		Present	
	8/18/2006	8:17	Surfc	<i>Karlodinium venificum</i> (T)		Present	
	8/18/2006	8:17	Surfc	<i>Kryptoperidinium foliaceum</i> (B)		Present	
	8/18/2006	8:17	Surfc	<i>Protoperidinium quinquecorne</i> (B)		Present	
	8/24/2006	13:40	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Many	3.85
	8/24/2006	13:40	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	8/24/2006	13:40	Surfc	<i>Heterosigma akashiwo.</i> (T)		Present	
	8/24/2006	13:40	Surfc	<i>Karlodinium venificum</i> (T)		Common	0.19
	8/24/2006	13:40	Surfc	<i>Navicula (small)</i> (B*)		Very Abundant	132.00
	8/24/2006	13:40	Surfc	<i>Prorocentrum gracile</i> (B)		Present	
	8/24/2006	13:40	Surfc	<i>Protoperidinium quinquecorne</i> (B)		Present	

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Citizen Monitoring Program

Water Body Tributary Site	Date	Time	Smpl Dpth	Name	Comment if ID uncertain	Abundance	MC/L
Rehoboth Bay							
<u>Bald Eagle Creek</u>							
RB46: Torquay Canal at East bulkhead on Land's End.							
	8/24/2006	13:40	Surfc	<i>Various centric spp. (B*)</i>		Abundant	88.00
RB69: Torquay Canal DNREC site. TC1							
	8/17/2006	13:15	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Abundant	18.35
	8/17/2006	13:15	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	8/17/2006	13:15	Surfc	<i>Heterosigma akashiwo. (T)</i>		Common	0.10
	8/17/2006	13:15	Surfc	<i>Karlodinium venificum (T)</i>		Present	
	8/17/2006	13:15	Surfc	<i>Kryptoperidinium foliaceum (B)</i>		Present	
	8/17/2006	13:15	Surfc	<i>Navicula (small) (B*)</i>		Abundant	13.20
	8/17/2006	13:15	Surfc	<i>Prorocentrum gracile (B)</i>		Present	
	8/17/2006	13:15	Surfc	<i>Scrippsiella sp. (B)</i>		Common	0.13
	8/17/2006	13:15	Surfc	<i>Various centric spp. (B*)</i>		Abundant	33.00
	8/24/2006	13:35	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Abundant	15.00
	8/24/2006	13:35	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	8/24/2006	13:35	Surfc	<i>Heterosigma akashiwo. (T)</i>		Present	
	8/24/2006	13:35	Surfc	<i>Karlodinium venificum (T)</i>		Common	0.34
	8/24/2006	13:35	Surfc	<i>Kryptoperidinium foliaceum (B)</i>		Present	
	8/24/2006	13:35	Surfc	<i>Navicula (small) (B*)</i>		Very Abundant	120.00
	8/24/2006	13:35	Surfc	<i>Prorocentrum gracile (B)</i>		Present	
	8/24/2006	13:35	Surfc	<i>Scrippsiella sp. (B)</i>		Present	
<u>Guinea Creek</u>							
RB05: Mouth of Guinea Creek (Pot Nets Creekside)							
	8/21/2006	12:07	Surfc	<i>Karlodinium venificum (T)</i>		Present	
	8/21/2006	12:07	Surfc	<i>Kryptoperidinium foliaceum (B)</i>		Present	
	8/21/2006	12:07	Surfc	<i>Rhizosolenia spp. (T)</i>		Present	
RB06: Guinea Creek (Winding Creek Village)							
	8/21/2006	8:30	Surfc	<i>Karlodinium venificum (T)</i>		Present	
	8/21/2006	8:30	Surfc	<i>Navicula (small) (B*)</i>		Abundant	10.60
RB06A: Guinea Creek @ Rd 298 Bridge							
	8/21/2006	12:24	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Present	
	8/21/2006	12:24	Surfc	<i>Chattonella subsalsa (T)</i>		Common	0.45
	8/21/2006	12:24	Surfc	<i>Heterosigma akashiwo. (T)</i>		Present	
	8/21/2006	12:24	Surfc	<i>Karlodinium venificum (T)</i>		Present	
	8/21/2006	12:24	Surfc	<i>Navicula (small) (B*)</i>		Abundant	17.80
<u>Herring Creek</u>							
RB04: Herring Creek, Mid-Section							
	8/22/2006	10:53	Surfc	<i>Akashiwo sanguineum (B)</i>		Present	
	8/22/2006	10:53	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	8/22/2006	10:53	Surfc	<i>Heterosigma akashiwo. (T)</i>		Present	
	8/22/2006	10:53	Surfc	<i>Karlodinium venificum (T)</i>		Common	0.28
	8/22/2006	10:53	Surfc	<i>Navicula (small) (B*)</i>		Abundant	19.80

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Citizen Monitoring Program

Water Body Tributary Site	Date	Time	Smpl Dpth	Name	Comment if ID uncertain	Abundance	MC/L
Rehoboth Bay							
<u>Love Creek</u>							
RB34: Love Creek at Rt 24 Bridge							
	8/14/2006	10:28	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Present	
	8/14/2006	10:28	Surfc	<i>Gyrodinium instriatum</i> (B)		Common	0.36
	8/14/2006	10:28	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	8/14/2006	10:28	Surfc	<i>Protoperidinium quinquecorne</i> (B)		Present	
	8/21/2006	9:37	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Present	
	8/21/2006	9:37	Surfc	<i>Gyrodinium instriatum</i> (B)		Common	0.35
	8/21/2006	9:37	Surfc	<i>Heterocapsa rotundata</i> (B)		Common	0.14
	8/21/2006	9:37	Surfc	<i>Heterosigma akashiwo</i> . (T)		Present	
	8/21/2006	9:37	Surfc	<i>Karlodinium venificum</i> (T)		Common	0.11
	8/21/2006	9:37	Surfc	<i>Kryptoperidinium foliaceum</i> (B)		Present	
	8/24/2006	9:04	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Common	0.69
	8/24/2006	9:04	Surfc	<i>Cylindrotheca closterium</i> (B*)		Abundant	19.40
	8/24/2006	9:04	Surfc	<i>Gyrodinium instriatum</i> (B)		Common	0.60
	8/24/2006	9:04	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	8/24/2006	9:04	Surfc	<i>Karlodinium venificum</i> (T)		Common	0.31
	8/24/2006	9:04	Surfc	<i>Kryptoperidinium foliaceum</i> (B)		Present	
	8/24/2006	9:04	Surfc	<i>Protoperidinium quinquecorne</i> (B)		Present	
RLC2S: DNREC site, upper Love Creek							
	8/17/2006	12:15	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Present	
	8/17/2006	12:15	Surfc	<i>Gyrodinium instriatum</i> (B)		Common	0.35
	8/17/2006	12:15	Surfc	<i>Heterosigma akashiwo</i> . (T)		Present	
	8/17/2006	12:15	Surfc	<i>Kryptoperidinium foliaceum</i> (B)		Present	
	8/24/2006	12:10	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Common	0.68
	8/24/2006	12:10	Surfc	<i>Gyrodinium instriatum</i> (B)		Common	0.66
	8/24/2006	12:10	Surfc	<i>Karlodinium venificum</i> (T)		Common	0.19

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Citizen Monitoring Program